



extend your outdoor lifestyle

New Zealand's highest performing polycarbonate roofing



New Zealand's first choice in outdoor living area enhancement and protection.
Available in three options to suit your lifestyle.



makrolon®
the high-tech material

- All Laserlite® products can easily be cut to measure.
- Laserlite® is engineered and built using only 100% Makrolon® Resin.
- Refer to full warranty terms & conditions at www.alsynite.co.nz or from an Alsynite One NZ office.

Our Cost-effective Roofing Solution

Profiled translucent roofing product designed for weather protection and enhancement of your outdoor living area.



- Provides protection from sun, rain and wind
- Applications: use in a variety of roofing, cladding and fencing situations.
- Provides 99.9% protection from UV rays

	clear	opal	bronze tint	grey tint	diffused opal**
Light Transmission %	93%	49%	38%	19%	16.2%
Heat Reduction % ‡	0%	52%	25%	40%	18%



- **SHEET LENGTHS AVAILABLE:** 1.8m, 2.1m, 2.4m, 2.7m, 3.0m, 3.6m, 4.2m, 4.8m, 5.4m, 6.0m, 7.2m
- **SHEET WIDTH:** Corrugated 840mm, Greca 810mm, 5-rib 830mm
- **COVER WIDTH:** Corrugated 755mm, Greca 760mm, 5-rib 762mm

**NB: Opal and Diffused Opal not available in 5 Rib profile.

Our Classic – Performance & Reliability

The classic, high-performance Laserlite® range



- Certified to NZ and Australian standards.
- Extend the life of the sheet by up to 50%#
- Maintain sheet colour and clarity up to 50% longer#
- Provide 99.9% protection from UV rays up to 50% longer#
- Resist 25% larger hailstones#

As compared to other profiled polycarbonate roofing products

	clear	bronze tint	grey tint	advanced weatherguard TECHNOLOGY
Light Transmission %	93%	38%	19%	
Heat Reduction % ‡	0%	33%	47%	



- **SHEET LENGTHS AVAILABLE:** 1.8m, 2.1m, 2.4m, 2.7m, 3.0m, 3.6m, 4.2m, 4.8m, 5.4m, 6.0m, 7.2m
- **SHEET WIDTH:** Corrugated 840mm, Greca 810mm, 5-rib 830mm
- **COVER WIDTH:** Corrugated 755mm, Greca 760mm, 5-rib 762mm

Our Premium – Ultimate Comfort

Technologically advanced heat reflective range for the ultimate outdoor lifestyle experience.



- Certified to NZ and Australian standards.
- Up to 50% better heat reduction than standard profiled polycarbonate sheet#
- Reduced glare for ultimate comfort



As compared to other profiled polycarbonate roofing products

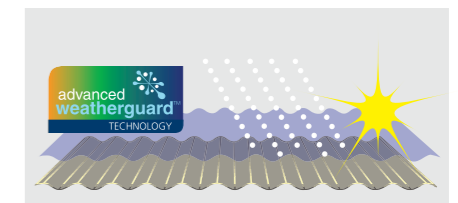
	frost	platinum*	advanced weatherguard TECHNOLOGY	comfort cool TECHNOLOGY
Light Transmission %	47%	18%		
Heat Reduction % ‡	63%	69%		



- **SHEET LENGTHS AVAILABLE:** 1.8m, 2.1m, 2.4m, 2.7m, 3.0m, 3.6m, 4.2m, 4.8m, 5.4m, 7.2m
- **SHEET WIDTH:** Corrugated 840mm, Greca 810mm
- **COVER WIDTH:** Corrugated 755mm, Greca 760mm

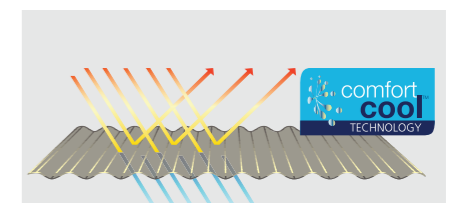
*NB: Platinum is only available in Greca profile.
‡Based on the warming effect of the sun's rays through a sheet vs 3mm float glass (300-2500nm)

ADVANCED WEATHERGUARD™



UV rays, wind, hail and rain have the potential to make polycarbonate resins brittle and lose colour over time. **Advanced Weatherguard™** protects the sheet and protects from harmful UV radiation

COMFORT COOL™



Infra red light emitted by the sun passes through polycarbonate sheet making it warm underneath. **Comfort Cool™** Technology reflects the heat away whilst letting visible light through with less glare.

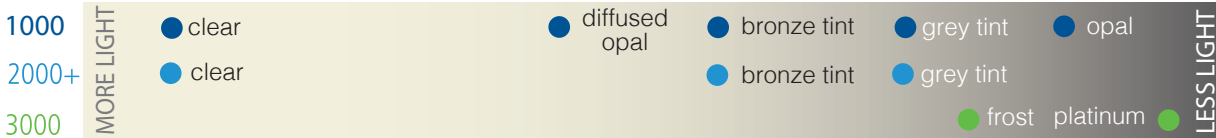
Comfort and Light Levels Under Laserlite®



Comfort level under Laserlite®



Light level under Laserlite®



Accessories

FASTENERS:

We recommend using Laserlite® One Shot® Fasteners to fix your Laserlite® polycarbonate roofing.

OneShot® Fasteners have a built-in cutting device that will pre-drill an expansion hole while you drill in the fastener.

The expansion hole is very important because it allows the sheet to expand and contract when the temperature changes.

Can be used up to and including high wind zones (please see www.alsynite.co.nz for installation instructions).



FOAMS AND TAPES:



Back Channel Infill Strip



Noise Stop Tape

FLASHINGS:



- Range of Polycarbonate Flashings
- Laserlite Lap Connectors

For full range of available accessories, please visit our website www.alsynite.co.nz

NZBC Fire Group 1-S Rating

Laserlite® has been extensively tested using the full scale ISO 9705 room test. This extensive testing utilises a gas burner exposing the sheeting to 100kw for 10 minutes, and then 300kw for a further 10 minutes. Laserlite® achieves a NZBC 1-S Rating as flashover is not reached.



Protecting the environment, Laserlite® is fully recyclable and no waste is created in the production process. Laserlite® is also heavy metal free. See website for further details.

SCAN. EXPLORE.



FIND YOUR PRODUCT.

or go to:
www.laserlite.alsynite.co.nz



0800 257 964
www.alsynite.co.nz

